

CHESKA YANG

<http://iamqianyang.github.io>

Full-stack Web Developer & Data Analyst



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github.com/IAMQIANYANG

Location: Vancouver, BC

Summary

- A passionate web developer who cares about user experience. Good understanding of UX principles, experience in UX/UI design and usability testing.
- Proficient with JavaScript and Python. Familiar with modern libraries and frameworks. Project experience with React + Redux + Node + Express + MongoDB.
- A quick learner, curious and enjoy problem solving.

Skills

Development: JavaScript(experience with React, Redux, Node, jQuery), HTML, CSS, Python, SQL

Data: relational databases, SPSS, R, NumPy, NLTK, Scikit-Learn, Data visualization(Tableau, D3.js)

Others: Git, Jira, Webpack, JSLint, Babel

Project Experience

Recipe Qoo

Dec.2016 - now

<https://recipe-qoo.firebaseio.com/>

Single page application, React, Node, MongoDB, Full-stack web development, RESTful API, Jest

- A personal project developed to help home cooks to manage recipes and decide what to cook.
- The app adopts the MERN stack: React + Redux on the front-end, Node with Express on the back-end, MongoDB as database.
- The front-end is hosted on Firebase, back-end on Heroku with Github integration.

Twitter Emotion Spam Detector

Oct. 2016 - Dec. 2016

<http://twitter-emotion-spam.herokuapp.com/>

Python, machine learning, natural language processing, Flask, NLTK, Scikit-Learn, server side render

- A group project for a natural language processing course.
- My role was to normalize the crawled data, extract features, and train a machine learning model using the Support Vector Machine algorithm to identify future emotion spams. The accuracy on test dataset is 88.13%.
- I then used the trained model to power the back-end of a Flask web application, which allows the user to check if a tweet is an emotion spam.

ShaReader

[Intro Video](#)

UX / UI design, Usability testing, prototype, Axure

- Designed interface of ebook which facilitates social annotations.
- Transferred paper prototype into hi-fidelity prototype.
- Conducted usability testing.

WISE Consulting Database

SQL, relational database

A relational database designed for a fictional company, from business analysis, conceptual design to implementation with MS SQL Server.

Education

University of British Columbia

Master of Library and Information Studies

Sub-specialization: Human-computer Interaction

A member of UBC HCI community

Related Courses: Foundations of Information Technology, Database Design, Information Design I – systems

Information Design II – Documents, LIBR 559N Text Analytics, Information Visualization

Topics in Human-Computer Interaction, Analysis of Variance

Sep. 2014 - Dec. 2016

Vancouver, Canada

University of Leuven

Master in Business Communication

Sep. 2011 - Sep. 2012

Leuven, Belgium

Shanghai International Studies University

Bachelor in Dutch Studies

Sep. 2007 - Jun. 2011

Shanghai, China

Working Experience

Freelancer Web Developer

Sep 2015 – Present

Successfully completed various web development projects, including building websites, implementing mockups, rewriting legacy codes, etc.

Information Architect (Co-op)

May 2015 – Dec. 2015

Ericsson

Burnaby, Canada

- Designed use cases to help migrate legacy documentation to a new CMS.
- Saved cost by identifying reuse opportunities, and improved usability of documentation.
- Ensured the success of migration by acting as a subject matter expert of XML and DITA.

Marketing Analyst (full-time)

Aug. 2013 – Aug. 2014

NetEase

Shanghai, China

NetEase is the partner of Blizzard Entertainment in China. I specialized in projects related to Blizzard games.

- Led, designed and conducted research on users and products.
- Analyzed data, identified business insights and presented results through visualization to inform decision making from senior management teams.
- The usability test project on WoW game plugin has successfully gained over 10,000 new users.

Researcher (full-time)

Mar. 2013 – Aug. 2013

IPSOS Shanghai China

Shanghai, China

- Designed, and conducted market research to address clients' marketing questions.
- Managed different research projects to ensure quality and efficiency.
- Worked with clients like Durex (Reckitt Benckiser), Tesco, Heinz, Tencent etc.